

L 62531-65

ACCESSION NR: AP5012654

loy. The alloy attains maximum mechanical properties and considerable corrosion resistance at an annealing temperature of 600°C. Minimum corrosion resistance is observed after reannealing near 700°C. Orig. art. has: 5 figures, 1 table.

ASSOCIATION: FMI AN UkrSSR, Lvov

SUBMITTED: 07Jan65

ENCL: 00

SUB CODE: MM

NO REF SOV: 003

OTHER: 000

Card ^{cc} 2/2

L 11122-66 EWT(d)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(z)/EWP(b)/
EWP(l) 1JN/JD/WB

ACC NR: AP6002118

SOURCE CODE: UR/0369/65/001/006/6694/0696

61
59
12

AUTHOR: Pokhmurskiy, V.I.; Boltarovich, A.V.; Tabinskiy, K.P.;
Meyerson, I.L.; Karpenko, G.V.

ORG: Physicomechanical Institute, AN UkrSSR, L'vov (Fiziko-mekhanicheskiy institut AN UkrSSR)

TITLE: Effect of certain coatings on the fatigue strength and corrosion-fatigue strength of
Kh17N2 steel ^{79,55, 14} ^{44,55, 14} ^{64,55, 14}

SOURCE: Fiziko-khimicheskaya mekhanika materialov, v. 1, no. 6, 1965, 694-696

TOPIC TAGS: fatigue strength, steel, nickel, cadmium, protective coating, organo-silicon compound, metal property

ABSTRACT: The fatigue strength and corrosion-fatigue strength of hardened and tempered Kh17N2 steel were measured on NU machines after a nickel-cadmium and protective lacquer coatings (302 lacquer and V-58 material, a solution of an organosilicon polymer in toluene with mineral additives) were deposited on its surface. A 3% NaCl solution was used as the corrosion medium. In the latter, the coatings were found to affect considerably the strength of cyclically deformed steel, particularly at high stress amplitudes and

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L 14422-66

ACC NR: AP6002118

2

a small number of cycles. At about 2×10^7 cycles, the best protective effect was shown by the coating of 302 lacquer, but the fatigue strength decreased sharply, owing to a breakdown in the continuity of the coating. The situation was similar in the case of the nickel-cadmium electrodeposit, except that the fatigue limit was lower than with the 302 lacquer. At about 2×10^7 cycles, an extensive attack of the Ni-Cd coating and sharp drop of the limit of corrosion-fatigue strength took place. Deposition of V-58 had practically no effect on the corrosion-fatigue resistance of the steel, owing to the porosity and loose adhesion of this coating. Orig. art. has: 1 figure.

SUB CODE: 11 / SUBM DATE: 20Jun65 / ORIG REF: 003

FW
Card 2/2

S/075/62/017/004/003/006
I017/I217

AUTHORS: Busev, A.I. and Tabipora, L.L.

TITLE: Direct complexometric titration of indium using azoderivatives of 8-hydroxyquinoline-5-sulfonic acid as indicators

PERIODICAL: Zhurnal analyticheskoy khimii, v.17, no.4, 1962, 447-456

TEXT: The synthesis of 14 derivatives of the 8-hydroxy-quinoline-5 sulfonic acid was carried out and the possibilities for their use as complexometric indicators was studied. It was found that the following compounds are suitable for complexometric titrations of indium: (a) 7-(1-naphtylazo)-8-hydroxyquinoline-5-sulfonic acid; (b) 7-(4-sulfo-2-naphtylazo)-8-hydroxyquinoline-5-sulfonic acid; (c) 7-(4,8-disulfo-2-naphtylazo)-8-hydroxy-quinoline-5-sulfonic acid; (d) 7-(5,7 disulfo-2-naphtylazo)-8-hydroxyquinoline-5-sulfonic acid. The elementary microanalysis of the constants of solutions were studied and tabulated. The color of the solid salt and of the aqueous solns. at different pH's are given. The pH range of the indicator color change for 30 similar compounds is tabulated. The indium complexes of some of

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S/075/62/017/004/003/006
107/1217

Direct complexometric...

the above compounds (c) and (d), and also with 7-(5-sulf-2-naphtylazo)-8-hydroxy-quinoline-5-sulfonic acid were studied. Photocolorimetric titrations show that indium reacts with the above reagents to form complexes at the molar ratio 1:1. These new reagents may be used successfully for the complexometric titration of indium ions at pH 2. Mg, Mn, Cd, Zn, Ca and Al in the presence of fluorides do not interfere. Titrations in presence of Al (and fluorides) are carried out in presence of precipitates and some experience is required. There are 4 figures and 5 tables.

ASSOCIATION: Moskovskiy gosudarstvenny universitet im. M.V. Lomonosova (Moscow State University im. M.V. Lomonosov)

SUBMITTED: January 29, 1960

Card 2/2

SARAGEA, M.,; MAIER, H.,; BRUSTUREANU, D.,; TABIRCA, A.

Changes in bile evacuation functions after primary functional disorders of the CNS. Probl. ter., Bucur. Vol 1: 295-310 1954.

(CENTRAL NERVOUS SYSTEM, diseases
funct. disord., eff. on bile evacuation, in dogs)
(BILE
evacuation, eff. of funct. disord. of CNS, in dogs)

ROMANIA/Human and Animal Physiology (Normal and Pathological).
The Liver.

2-8

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50941

Author : Sterescu, N., Lungeanu, M., Tabirca, A.

Inst : Academy of Sciences Romanian People's Republic.

Title : The Effect of Folliculin upon the Motor Activity of the
Gall Bladder.

Orig Pub : Studii si cercetari fiziol. Acad. RPR, 1957, 2, No 1-2,
211-220.

Abstract : Administering estradiolic benzoate (in doses of 10,000 m
units for 20 days) to female dogs inhibited the contrac-
tions of the gall bladder and produced a complex reflecto-
ry activity phase of a food stimulant (milk). It did not,
however, affect gall bladder contractions by producing a
neurochemical phase or spontane contractions.

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SOURCE (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: "Jiul" Collective Farm (Gospodaria Agricola Colectiva "Jiul"), Straja, Dobrogea Regiune.

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 10, Oct 1961, pp 37-39.

Data: "Results Obtained as a Result of Artificial Inseminations in Sheep."

Authors:

MIHAI, St., -Engineer.-

TABIRCA, M., -Zootechnical Brigade Leader.-

TABISZ, B.; JARZEBOWSKI, T.

On the synchrotron radiation of stars. Biul astr Cz 14 no.3:99-
101 '63.

1. Astronomical Institute, Wroclaw.

2177

011.52:011.53/55

Tabisz J. Influence of Harvest Time on the Fibre Yield from Hemp, at Varying Sowing Densities.

Polish Technical
Abst. No. 4, 1953
Agriculture, Food
Processing, Industry,
Forestry, Fisheries

Wplyw Terminu sprzetu na plon wiskna konopnego przy roznej gestosci siewu. (Prace Hl. Inst. Wlok. Nr. 5), Warszawa, 1952, PWT, 17 pp., 3 figs., 17 tabs.

Review of attempts hitherto made to solve the problem of optimum harvest time for hemp. The article deals also with differences found in anatomical structure of the hemp stalk. Description of an experimental carried out with hemp supplied by the Central Flax and Hemp Experimental Station. The hemp was harvested at five different times, the density of sowing varying in each case. The general yield of female individuals was highest after 71 days of vegetation, that of male individuals, according to density of sowing--after 70 or 81 days. The total crop of both male and female individuals reached its maximum after 71 days of vegetation. The experiment made it possible to determine the influence of the density of sowing and of harvest time on the quantity and quality of crop.

TABISZ, J

677.1.021.2.001.2 : 677.12

V 4544

Tabisz J. Correct Retting of Hemp Straw.

„Prawidłowe roszenie słomy konopnej”. (Prace Inst. Przem. Włókien Lyk. No. 12), Poznań, 1956, 22 pp., 8 tabs.

This publication deals with experiments undertaken with a view to establishing the most suitable conditions for retting hemp straw and to developing instructions for industrial praxis. After examining the effect of various factors on yield and quality of fibre, the following conclusions are reached: 1) retting prolonged up to 153 hours enhances the quality but reduces the yield of fibre; 2) optimum retting temperature is $+35^{\circ}\text{C}$; 3) retting of pressed straw is a longer process by about 20 per cent, but greatly increases (by about 100 per cent) the traffic capacity per basin; 4) total change of water, steam heated in the basin, improves the quality of the fibre — the best results are obtained when the water is changed 6 hours after flooding the basins; 5) ammonium sulphate, added in amount of 1 per cent of the weight of crude straw, most effectively reduces the duration of hemp retting; 6) only slight reduction of retting time is obtained by additions of defecation lime, but the quality of the fibre is enhanced; 7) cutting straw over 120 cm. long, and separate retting of upper and lower parts, yields fibre of enhanced quality.

Matls

PIETRASZKIEWICZ, Kazimierz, mgr inż.; TABISZ, Jan, mgr inż.

Methods of drying hemp and the technological value of its straw; in
the light of experiments of the Institute. Przegl włokien 16 no.5:
Suppl.: Biul inst przem włok lyk 9 no.2:1-2 My '62.

TABISZEWSKA, I

HD V117. Comparison of two methods of determining fat content in cows' milk. L. Lassota, J. Kielanowski, and I. Tabiszewska. *Roczn. nauk Roln.*, 1954, 69, 78—89.—The Burat method, in which the casein is dissolved in a soln. of borax with the addition of ethanol and amyl alcohol, although giving slightly higher results, is equal in accuracy to that of Gerber and has the advantage of being safe, simple and cheaper to use.

E. G. BRICKELL

(2)

POLON

✓ Comparison of two methods of determining fat content in cow milk. L. Lassota, J. Kielanowski, and I. Tabiszewska. *Roczniki Nauk Rolniczych* 69B, 70-87 (English summary, 80) (1964).—The "Burat" method (cf. Sadokova, *V.N.I.Zh.* 16, (1949)), which uses a soln. of borax with addn. of EtOH and amyl alc. as casein solvent, was compared with Gerber's acid butyrometric method (cf. *Milch-Zeitg.* 35, No. 4 (1906)). Precision of the two methods was about equal, but the Burat method gave higher no. values.
Alina S. Szczesniak

TABIYEV, V.K.

Testing enameled troughs in the Chelyabinsk Basin. Ugol' 34 no.11:
61 N '59 (MIRA 13:3)

1. Chelyabinskiy nauchno-issledovatel'skiy institut gornogo dela.
(Chelyabinsk Basin--Mine haulage)
(Coal mines and mining--Equipment and supplies)

MEKHNOVA, V.I.; TABIYEV, V.K.

Results of the testing of a K-56 cutter-loader in the Chelyabinsk
Basin. Ugol' 35 no.2:7-10 F '60. (MIRA 13:5)

1. Chelyabinskiy nauchno-issledovatel'skiy institut gornogo dela.
(Chelyabinsk Basin--Coal mining machinery--Testing)

TAHIYEVA, G. A.

SOV/6086

PHASE I BOOK EXPLOITATION

Nauchnoye soveshchaniye po teplovym napryazheniyam v elementakh turbomashin.
2d, Kiyev, 1961.

Teplovyye napryazheniya v elementakh turbomashin; doklady nauchnogo soveshchaniya, vyp. 2 (Thermal Stresses in Turbomachine Parts; Reports of the Scientific Conference, no. 2). Kiyev, Izd-vo AN UkrSSR, 1962. 174 p. 1800 copies printed.

Sponsoring Agency: Akademiya nauk Ukrainskoy SSR. Institut mekhaniki.

Resp. Ed.: A. D. Kovalenko, Academician, Academy of Sciences UkrSSR; Ed.: T. K. Remennik; Tech. Ed.: A. M. Lisovets.

PURPOSE: This collection of articles is intended for scientific workers and turbine designers.

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SOV/6086

Thermal Stresses (Cont.)

COVERAGE: The book contains 18 articles dealing with investigations connected with thermal stresses in turbine components. Individual articles discuss thermoelasticity, thermoplasticity, thermal conductivity, and temperature fields. No personalities are mentioned. References accompany 17 articles. The conference recommended broadening the theoretical and experimental investigations of aerothermoelastic and aerothermoplastic problems, the development of investigations of general problems of the theory of thermoelasticity and thermoplasticity based on the thermodynamic principles of reversible and nonreversible processes, the development of effective calculation methods for thermal stresses taking into account plastic deformations and creep in thin- and thick-walled structural members under stationary and nonstationary operating conditions, the development of experimental-research methods for thermometry and tensiometry in connection with modern operational conditions of mechanical structures, and the broadening of investigations of problems in the thermostrength of structures, especially of those operating under conditions of frequent and sharp temperature changes.

Card 2/6

Thermal Stresses (Cont.)

Shevchenko, Yu. N. [Kiyev]. Application of the Theorem of Reciprocity of Work to the Investigation of Elastic-Plastic Problems

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62

Shevchenko, Yu. N. [Kiyev]. State of Stress of Rapidly-Rotating Non-uniformly Heated Disks Under Power-Law Plasticity Conditions With Strain Hardening

75

Vol'mir, A. S., and P. G. Zykin [Moscow]. Stability "in the Large" of Shells Under Creep Conditions

81

Podstrigach, Ya. S., and V. Yu. Kruchkevich [L'vov]. On the Effect of Inertial Forces on the State of Stress Caused by Periodic Changes in the Temperature Field

90

Komarov, G. N., Z. D. Kostyuk, M. B. Ustinovskiy, and G. A. Tabiyeva [Kiyev]. Measuring Temperatures and Deformations in a Medium-Thick Disk

97

Card 4/6

ACC NR: APOA3637

SOURCE CODE: UR/0596/06/004/001/0027/0032

AUTHOR: Brandt, N. B.; Svistova, Ye. A.; Tabiyeva, G. Kh.

ORG: Physics Department of the Moscow State University im. M. V. Lomonosov (Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta)

TITLE: Magnetoresistance of bismuth in fields up to 450 kOe at helium temperatures

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye v. 4, no. 1, 1966, 27-32

TOPIC TAGS: bismuth, magnetoresistance, electric resistance, pulsed magnetic field, galvanomagnetic effect, carrier density, semiconductor carrier

ABSTRACT: Results are reported of an investigation of the electric resistance of single-crystal samples of bismuth in a transverse magnetic field of intensity up to 450 kOe at liquid-helium temperature, with primary purpose of obtaining information on the character of the carrier dispersion in bismuth. Earlier investigations at helium temperatures were made at lower field strengths (up to 100 kOe). The magnetic field was produced by a pulse method and the difficulty connected with the destruction of the sample by interaction between the eddy currents and the field was eliminated by superimposing a constant field on the pulsed one. Samples of different shapes and different thermal coefficients of resistivity were tested. In all cases the plots showed a monotonic increase of the magnetoresistance with the field, following a quadratic law up to 25 - 35 kOe, nearly linear from 25 - 35 to 200 kOe, followed by

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ACC NR: AP6023637

saturation at 200 - 400 kOe, and then by a decrease. Superimposed on the monotonic component are clearly pronounced Shubnikov - deHaas magnetoresistance oscillations, but without the periodicity in the reciprocal field normally observed in weak fields. The results are interpreted as being due to non-quadratic dispersion of the electrons and to a linear increase in the carrier density with increasing field, but definite conclusions call for additional experiments in very strong fields. The authors thank M. Ya. Azbel' for a discussion, A. I. Shal'nikov for interest in the work, N. L. Shofman, T. V. Gorskaya, and A. N. Radionova for help with the measurements, and senior machinist A. P. Popov for high-grade mechanical work. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 03May66/ ORIG REF: 004/ OTH REF: 005

Card 2/2 *llb*

WEISS, Marian; DERULSKA, Irma; TABJAN, Wlodzimierz

Attempted application of cyclography in the analysis of movement disorders. Polski tygod.lek. 15 no.45:1719-1722 7 N '60.

1. Ze Szpitala Chirurgii Kostnej w Konstancinie; dyrektor: doc.
dr med. M.Weiss.

(MOVEMENT DISORDERS diag)

TABLE 1. CHVIT, 1.0.

Energy loss by children following blindness. Socb. AN Gruz. SSR 32
no. 23463-468 '63. (MIRA 18:1)

1. Submitted June 14, 1963.

TABLIASHVILI, S.G.

Study of diurnal energy losses in blind children. Soob. AN
Gruz. SSR no. 3:345-350 S '62 (MIRA 19:1)

1. Tbilisskiy gosudarstvennyy meditsinskiy institut. Submitted
December 3, 1961.

RYZHAIN, V.Ya., kand. tekhn. nauk; TABMIYEVA, I.N., inzh.

Prospects for increasing the efficiency of high-capacity thermal
electric power plants. Teploenergetika 7 no.11:9-15 N '60.
(MIRA 14:9)

1. Moskovskiy energeticheskiy institut.
(Electric power plants)

VEPRIK, Ya.M.; KARTUZHANSKIY, A.L.; TABOLA, V.P.

Relationship between the surface and internal latent images
determined by the physical development. Zhur. nauch. i prikl.
fot. i kin. 8 no.4:309-310 J1-Ag '63. (MIRA 16:7)

1. Leningradskiy institut kinoinzhenerov (LIKI).
(Photochemistry)
(Photography—Developing and developers)

TABOLIN, V.A., ordinator (Moskva)

New method of treating ascariasis in children. Fel'd. i akush.
no.9:43-45 S '54. (MLRA 7:11)
(ASCARIASIS, therapy in infant and child
ther., oxygen, intragastric admin.)

TABOLIN, V. A., Cand Med Sci -- (diss) "Hemolytic disease
of ~~the~~ newborn ^{and its} remote sequelae." Mos, 1957. 18 pp
(Second Mos State Med Inst im N. I. Pirogov), 200 copies
(KL, 52-57, 112)

- 129 -

182

Int. ped. ... 17:22
06 17 (MIRA 10:10)

12. ... lechnogo fakul'teta (nav. kafedroy
... Moskowskogo meditsinskogo instituta imeni
... (Aerpikev)
Rus. ... 10)

USSR/Human and Animal Physiology - (Normal and Pathological).
Blood. Blood Groups.

T

Abs Jour : Ref Zhur Biol., No 4, 1959, 17304

Author : Tabolin, V.A.

Inst :

Title : Hemolytic Disease of the New Born, Not Connected with
Thesus-Factor

Orig Pub : Vopr. okhrany materinstva i detstva, 1958, 3, No 1, 10-14

Abstract : In 75 newborn children suffering with hemolytic disease, the cause of the condition was the incompatibility of the blood of mother and child, in 65 according to the Rh-factor, in 10 according to the ABO-blood groups. In 5 mothers the blood was O (I) group, in 2-B (III). In 5 children - A (II), in 2-B (III). The titer of maternal alpha- and beta-agglutinins was sharply increased with this (1:256 - 1:1024). In 3 newborn, in whom the blood of mother and child coincided in ABO groups and the

Card 1/2

TER-GRIGOR'YEVA, Ye.N., GRITSMAN, N.N., TABOLIN, V.A., VEL'TISHCHEV, Yu.Ye.

Material on clinical anatomical characteristics of cerebral and pulmonary forms of generalized cytomegaly. Vop.okh.mat. i det.

3 no.6:17-24 N-D '58

(MIRA 11:12)

1. Iz patologoanatomicheskogo otdeleniya (zav. Ye.N. Ter-Grigorova) detskoy bol'nitsy No.9 imeni F.E. Dzerzhinskogo (glavnyy vrach A.N. Kudryashova) i kafedry pediatrii (zav. - prof. G.N. Speranskiy) TSentral'nogo instituta usovershenstvovaniya vrachey.

(SALIVARY GLANDS--DISEASES)

TABOLIN, V.A.; VOL'F, B.S.; MATSULEVA, N.N.; GENKINA, E.M.; ORLOVA,
L.M.; PETRUN'KINA, Z.A.

Features of the course of erythroblastosis fetalis in newborn
infants. Sov. med. 24 no. 7:50-56 J1 '60. (MIRA 13:8)

1. Iz kafedry pediatrii (zav. - prof. G.N. Speranskiy) Tsentral'-
nogo instituta msovershenstvovaniya vrachey i rodil'nogo doma
No. 12 (glavnyy vrach M.M. Repina), Moskva.
(ERYTHROBLASTOSIS FETAL)

VEL'TISHCHEV, Yu.Ye.; TABOLIN, V.A.

Cortisone therapy of toxic conditions in infants. Sov. med. 24
no. 7:62-67 J1 '60. (MIRA 13:8)

1. Iz kafedry pediatrii (zav. - prof. G.N. Speranskiy) TSentral'-
nogo instituta usovershenstvovaniya vrachey na baze Detskoy bol'-
nitsy im. Dzerzhinskogo (glavnyy vrach A.N. Kudryasheva), Moskva.
(CORTISONE) (INFANTS--DISEASES)

TABOLIN, V.A.

Functional and morphological changes in the liver in hemolytic
disease in newborn infants. *Pediatrics* 38 no.10:40-47 0 '60.
(MIRA 13:11)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR
prof. G.N. Speranskiy) Tsentral'nogo instituta usovershenstvo-
vaniya vrachey (dir. M.D. Kovrigina) na baze detskoy bol'nitsy
imeni Dzerzhinskogo (glavnyy vrach A.N. Kudryashova).
(ERYTHROBLASTOSIS FETAL) (LIVER)

equally important, for the first time of Universal Declaration 1948

Abstracts of the 3rd All-Union Conference on Typhoid Fever,
1961, 1-4 April 1961, publ. by Inst. Epidemiology and Microbiology
Im. N. D. Zhdanov, Acad. Sci. USSR, Moscow, 1961, 60 pp.

TABOLIN, V.A., kand.meditsinskikh nauk

Causative agents of great misfortune. Zdorov'e 7 no. 4:20-21 Ap
'61. (MIRA 14:4)

(TOXOPLASMOSIS)

TABULIN, V. J.; MALOMUK, F. F.; KONOVALOVA, A. V.

Deafness in children with hemolytic disease in the newborn period, associated with the Rh factor. West. J. Med., no. 1-4: 4, 1966. (MIRA 15 7)

[illegible]

SECRET - EYES ONLY - NO DISSEMINATION

TABOLIN, V. A.; ZAK, I. R.; FEL'DMAN, M. G.; VEL'TISHCHEV, Yu. Ye.

Biochemical changes in the blood serum of newborn infants in
exchange transfusion. Akush. i gin. no. 4:59-64 '62.
(MIRA 15:7)

1. Iz kafedry pediatrii (zav. - prof. G. N. Speranskiy) Tsentral'-
nogo instituta usovershenstvovaniya vrachey i kafedry akusherstva
i ginekologii (zav. - prof. L. S. Persianinov) II Moskovskogo
meditsinskogo instituta imeni N. I. Pirogova.

(BLOOD--TRANSFUSION) (INFANTS(NEWBORN))
(HEMOLYTIC ANEMIA)

TABOLIN, V.A.; UMNOVA, M.A.

Hemolytic disease in newborn infants associated with sensitization to the Rh antigen. Vop. okh. mat. i det. 7 no.1:28-31 Ja '62.

(MIRA 15:3)

1. Iz kafedry pediatrii (zav. - prof. G.N. Speranskiy)
TSentral'nogo instituta usovershenstvovaniya vrachey i
TSentral'nogo ordena Lenina instituta gematologii i perelivaniya
krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov
[deceased]).

(ERYTHROBLASTOSIS FETALIS)
(RH FACTOR)

GANZBURG, S.E.; TABOLIN, V.A.

Late neurological sequelae of hemolytic disease in newborn
infants. Vop. okhr. materin. dets. 3 no.1:44-48 '63
(MIRA 17:2)

1. Iz kafedry pediatrii (zav. - prof. G.N. Speranskiy) Tsentral'nogo instituta usovershenstvovaniya vrachey.

BILAS, L.M.; VEL'TISHEV, Yu.Ye.; TABOLIN, V.A.

Disorders of adrenal cortex function in neonates and infants; a survey of the literature. *Pediatrics* 42 no.1:54-61 Ja'63. (MIRA 16:10)

1. Iz kafedry pediatrii (zav. - prof. G.N.Speranskiy) Tsentral'nogo instituta usovershenstvovaniya vrachev (rektor M.L.Kovrigina).

(ADRENAL CORTEX--DISEASES)
(INFANTS (NEWBORN) --DISEASES)
(INFANTS--DISEASES)

AFANAS'YEVA, V.M.; SOKOLOVA-PONOMAREVA, O.D., prof.; ZVER'KOVA, F.A.;
SPERANSKIY, G.N., prof.; VEL'TISHCHEV, Yu.Ye.; TABOLIN, V.A.;
TEYTEL'MAN, M.A.

Book reviews. Pediatriia 42 no.1:88-93 Ja'63. (MIRA 16:10)
(PEDIATRICS)

SPERANSKIY, G.N.; VEL'TISHCHEV, Yu.Ye.; TABOLET, V.A.; GOLGDETS, M.V.,
kand. med. nauk; TETS, D.I., prof.; BUEIS, I.Z.

Book reviews, Pediatrics 42 no.6:85-88 Je'63 (MIRA 17:1)

TABOLIN, Yu., inzh.

Tile stoves with air-heating systems in the German Democratic
Republic. Zhil.-kon.khoz. 9 no.12:30 '59. (MIRA 13:4)
(Germany, East--Stoves, Earthenware)

BOKACHEVA, L.P.; POPKOV, K.K.; TABOLINA, L.N.

Calculating the spatial distribution of dosed fluxes of
captured gamma radiation. Inzh.-fiz. zhur. 6 no.11:85-89
N '63. (MIRA 16:11)

05

ACCESSION NR: AP4006633

S/0089/63/015/006/0516/0517

AUTHORS: Popkov, K. K.; Tabolina, L. N.; Tavetkova, S. A.

TITLE: Dependence of heat release on the iron-water composition of a thermal shielding

SOURCE: Atomnaya energiya, v. 15, no. 6, 1963, 516-517

TOPIC TAGS: thermal shielding, nuclear reactor, reactor, shielding, iron water shielding, reactor shielding, radiative capture

ABSTRACT: A design diagram consisting of a thermal shielding, the vessel of a water-moderated water cooled reactor and primary shielding water were examined with a view to determining the relationship between the heat-release in a reactor vessel and the iron-water composition of the thermal shielding. An electronic computer was used to calculate the space-energy distribution of the neutron fluxes, according to a seven-group scheme proposed by (D. L. Broder, etc., Atomnaya Energiya, 12, 129 (1962)), in order to determine the distribution function of the neutron capture density. The calculated

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ACCESSION NR: AP4006633

distribution magnitudes of the specific heat release from an iron plate are represented in the enclosure, Fig. 2, and the various components of the heat release, as determined by the iron concentration as shown in the enclosure, Fig. 3. When the iron concentration in the thermal shielding is low, the heat release is occasioned primarily by the gamma-radiation from the reactor core. The heat release components, determined by the absorption of capture gamma-radiation, decrease with the increasing iron content in the thermal shielding to 65-70%, and then increase again. This is due to the changing absorptive properties of the iron-water shielding in relation to neutrons. The minimum heat release corresponds to 70% volume concentration of iron in the thermal shielding.

"The authors are grateful to D. L. Broder for his interest in this project, and to I. A. Kulikova and Ye. A. Pavlova for programming the multigroup calculations."

Orig. art. has: 3 Figures and 1 Formula.

ASSOCIATION: None

SUBMITTED: 21Mar63

SUB CODE: NS

DATE ACQ: 07Jan64

NR REF SOV: 002

ENCL: 03

OTHER: 001

Card 2/2

ABSTRACT, L. P. LABZMAN, A. S. 1960 KINA. Yell.

Absorption of chlorine from a saturated solution of sodium
chloride. Zhurnal Khim. 37 no. 5:950-964. My '64.
(MIR: 17:1)

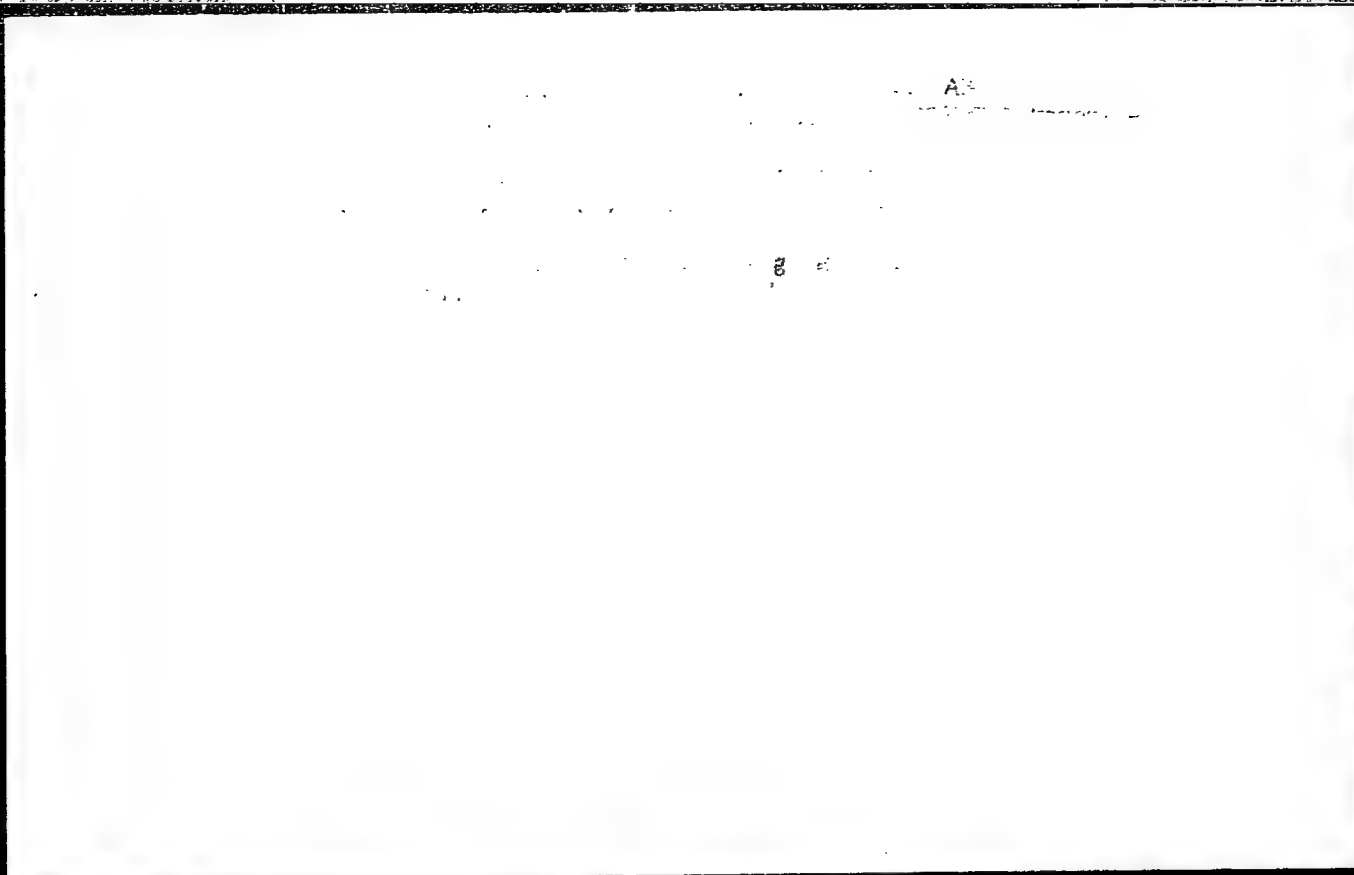
Leningradskiy khimicheskii institut imeni Lomonosova.

TABOLOV, Viktor Stepanovich; KHARCHENKO, L.I., red.; STEBLYANKO, T.V.,
tekhn. red.

[Corpulence and its treatment at health resorts of the
Caucasus Mineral Waters region] Ozhirenie i ego lechenie na
kurortakh Kavkazskikh Mineral'nykh Vod. Stavropol', Stav-
ropol'skoe knizhnoe izd-vo, 1960. 77 p. (MIRA 14:5)
(CORPULENCE) (CAUCASUS--HEALTH RESORTS, WATERING PLACES, ETC.)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754710007-9



APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754710007-9"

16

Filling material for upholsterers. Jozsef Tábor, Hung
129,592, May 15, 1942. Twenty kg. of reeds (*Phrag-*
mites communis) are treated with 400 l. of 1-2% NaOH
at 100° for 2-4 hrs., washed, rolled, dried, and disinte-
grated by mechanical treatment to fine fibrous material
suitable for upholsterers. István Finály

ASO SLA METALLURGICAL LITERATURE CLASSIFICATION

TABOR, Josef

Use of grinders in the shoe industry. Kozarstvi 14 no. 2:
47-48 p '64.

1. Sazavan, n.p., Zruc nad Sazavou.

FABOR, Ludvik

The most frequent diseases of the hip joint in childhood.
Zdrav. vestn. 34 no.5/6:117-123 '65.

1. Ortopedska klinika, Klinične bolnišnice v Ljubljani
(predstojnik: prof. dr. Bogdan Brečelj) i Institut za
rentgenologijo, Klinične bolnišnice v Ljubljani (pred-
stojnik: doc. dr. Stanko Hernja).

TABOR, Ludvik

Clinical diagnostic problem in spondylolysis and spondylolisthesis. Zdrav. vestn. 33 no.8:211-218 '64

1. Ortopedska klinika klinicne bolnisnice v Ljubljani (Predstojnik: prof. dr. B. Breclj); Institut za rentgenologijo klinicne bolnisnice v Ljubljani (Predstojnik: doc. dr. St. Hernja).

TABOR, M.

TABOR, M. Industrial safety and gygiene in the industry of processing animal and plant wastes. p. 22. GOSPODARKA MIESNA. Warszawa, Poland. Vol. 8, No. 3, Mar. 1956

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

MIJAL, 1964; CASOR, Maria

Faunal horizons of the Gredzic and Flora beds in the eastern part
of the Upper Silesian Coal Basin. Kwartalnik geol 8 no.3:542-
557 '64.

1. Upper Silesian Field Station of the Institute of Geology
in Sosnowiec. Submitted September 11, 1963.

S/194/62/000/006/230/232
D256/D308

AUTHOR: Tábor, Michály
TITLE: Automatic breaker with magnetic amplification producing pulsed electrical energy
PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-8-49 p (Hungarian pat., kl. 74 d, 8-10, no. 146645, 15.05.60)
TEXT: The service given by mechanical interruptors is often inadequate, their life being limited by wear and contact burning. An electrical method of circuit breaking is proposed, employing a self-excited generator of a frequency 1 to 5 c/s operating as a magnetic amplifier; a full-wave rectifier is connected into the feedback circuit of the generator. The circuit diagram of the breaker is presented in the figure. [Abstracter's note: Complete translation.]

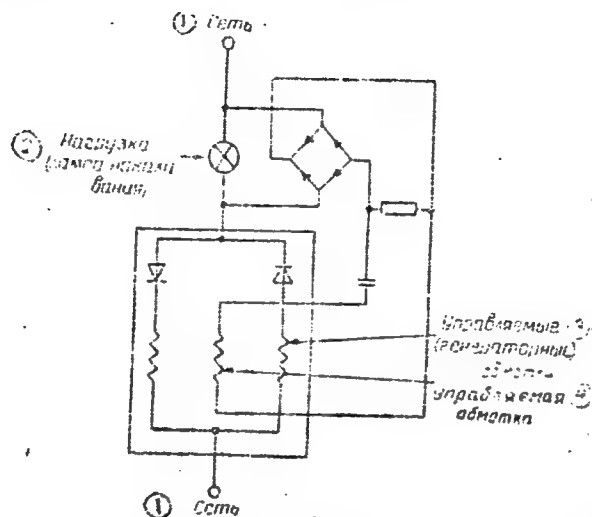
Card 1/2

Automatic breaker with magnetic ...

S/194/62/000/006/230/232
D256/D308

Fig.

Legend: 1 - Mains;
2 - Load (filament
lamp); 3 - Controlled
windings (generator);
4 - Controlled wind-
ings.



Card 2/2

TABOR, Peter, tudományos munkatárs; LAKOSI, László, tudományos munkatárs; GORBE, Imre, tudományos munkatárs; BELLUS, János, tudományos segédmunkatárs.

The spring 1961 Leipzig Fair as seen by a measuring technician.
Meres automat 9 no.10:310-315 '61.

LAKOSI, Laszlo; TABOR, Peter; TOTH, Mihaly

Gamma-ray densimeter. Elelm ipar 18 no.8/9:291-294 Ag-S '64.

1. Central Research Institute of Measuring Technique, Budapest.

TABOR, Wladislaw

Wladislaw Tabor (Trzebinia), "Elektrolytische Gewinnung von Metallpulver,"
Chemische Technik (Berlin), 9/11, November 1957, pp. 645-9.

Received on 11 June 1957.
Communication from the Zinc Works "Trzebinia."

TABORFI, Karoly (Zalaudvarnok)

A letter from Zalaudvarnok. Magy kisipar 6 no.25:3 13 D '62.

"APPROVED FOR RELEASE: 07/13/2001

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10/10/10 10/10/10 10/10/10 10/10/10 10/10/10

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754710007-9"

YUGOSLAVIA

BASICEVIC, Vojin; TABORI, Djordje and MILETIC, Mara; Pediatric Clinic,
Medical Faculty of the University (Klinika za decije bolesti Medicinskog
fakulteta Univerziteta), Head (Upravnik) Prof Dr Dimitrije MILETIC,
Novi Sad.

"Clinical Aspect of Pneumonia in Childhood."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 93, No 4, Apr 1965;
pp 353-362.

Abstract [English summary modified]: Data on 190 children with pneumonia
treated over the last 3 years; most were admitted with tentative diagnosis
of tuberculosis. Of the 190, the microbial (including viral pathogenesis)
was determined in 50. Diagnostic, clinical, roentgenographic and serologic
data are tabulated and discussed. 5 tables, 3 Yugoslav references
including unpublished data; 1 British; manuscript received 30 Apr 64.

F. TABORI, Gabriella

Physics of fluorescent tubes. Fiz szemle 10 no.4:111-114 Ap '60.

1. Fovarosí Neonberendezéseket Gyártó Vállalat.

MOHOS, J. Zoltan, dr.; TABORI, Lajos, ifj., dr.; KERÉKES, Karoly, dr.

A case of *Cryptococcus neoformans* septicemia diagnosed intra vitam.
Orv. hetil. 102 no.48:2283-2284 26 N '61.

1. Esztergom Varosi Tanacs Korhaz.

(CRYPTOCOCCOSIS diag)

TABCRI, M.

"Majtenyi, L.; Tabori, M. "Five Months after the Innovators' Conference on Metallurgy" p. 5

"The Innovators' Competition in Three Metallurgical Plants" p. 5

"The Innovators' Movement of the Lenin Metallurgical Works" p. 6

(Uitok Lapla, Vol. 5, No. 22, November, 1953, Budapest)

SO: Monthly List of East European Accessions / Vol. 3, No. 3 Library of Congress, March 1954, Uncl.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754710007-9

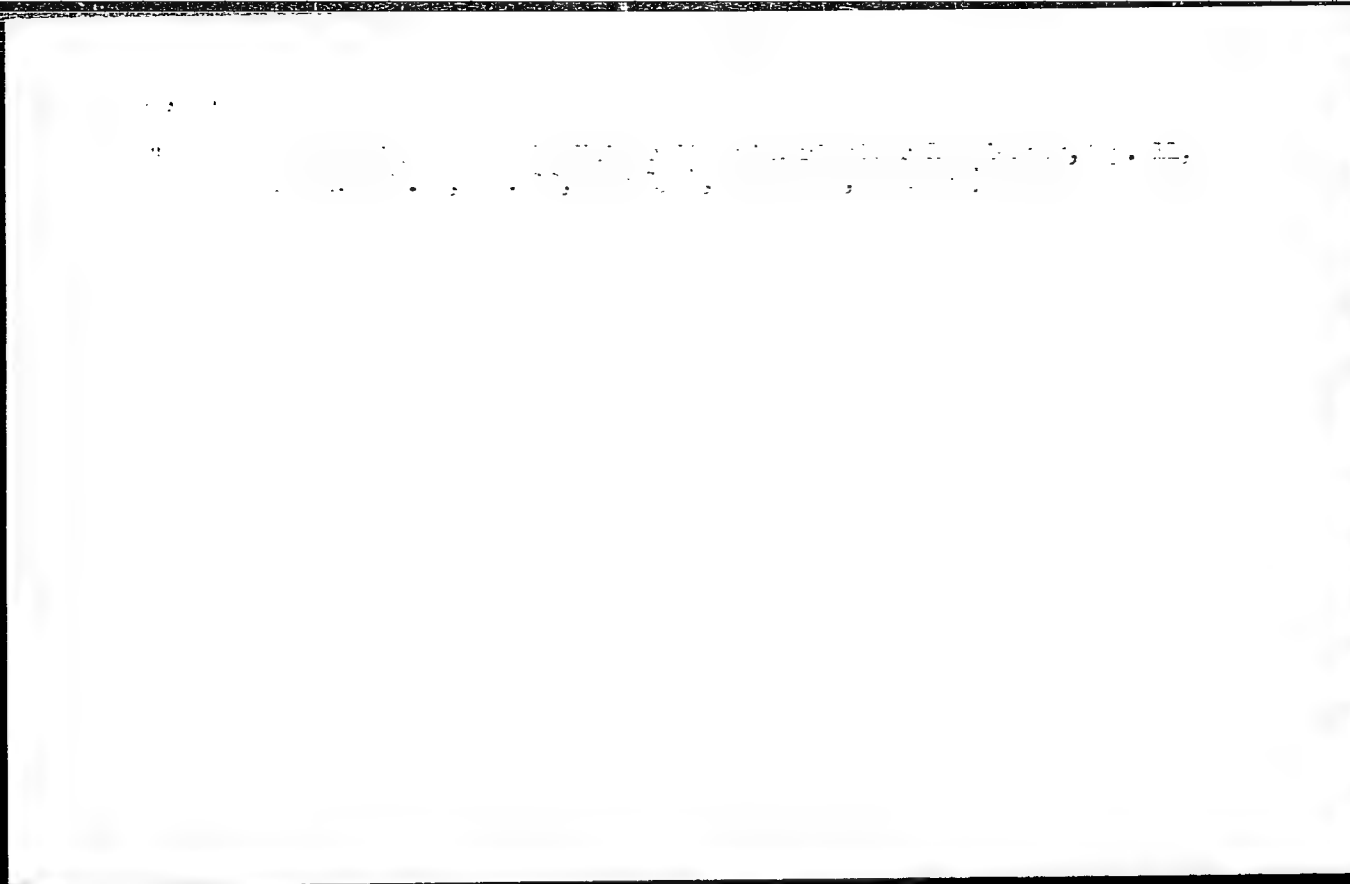
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CIA-RDP86-00513R001754710007-9"

TABORI, M.

"Demonstration of an Invention." . 7 (UNIFORM LITER. Vol. 6, No. 22,
Nov. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (HEAL), L3, Vol. 4, No. 4,
April 1955, Uncl..

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754710007-9

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754710007-9"

TABORI, Mihaly

Acquisition of property of a patent (application) by assignment.
Ujit lap 12 no.17:14 10 S '60.

TABORI, Mihaly

Questions relating to the ownership and the acquisition of property
concerning patents and inventions. Ujit lap 12 no.22:6 25 N '60.

TABORI, Mihaly

Questions relating to the ownership and the aquisition of property
concerning patents and inventions. Ujit lap 12 no.23:30 10 N 60.

TABORI, Mihaly

Property right conditions and problems of acquiring property rights
in connection with patents and inventions. Ujit lap 12 no.29:30
S '60.

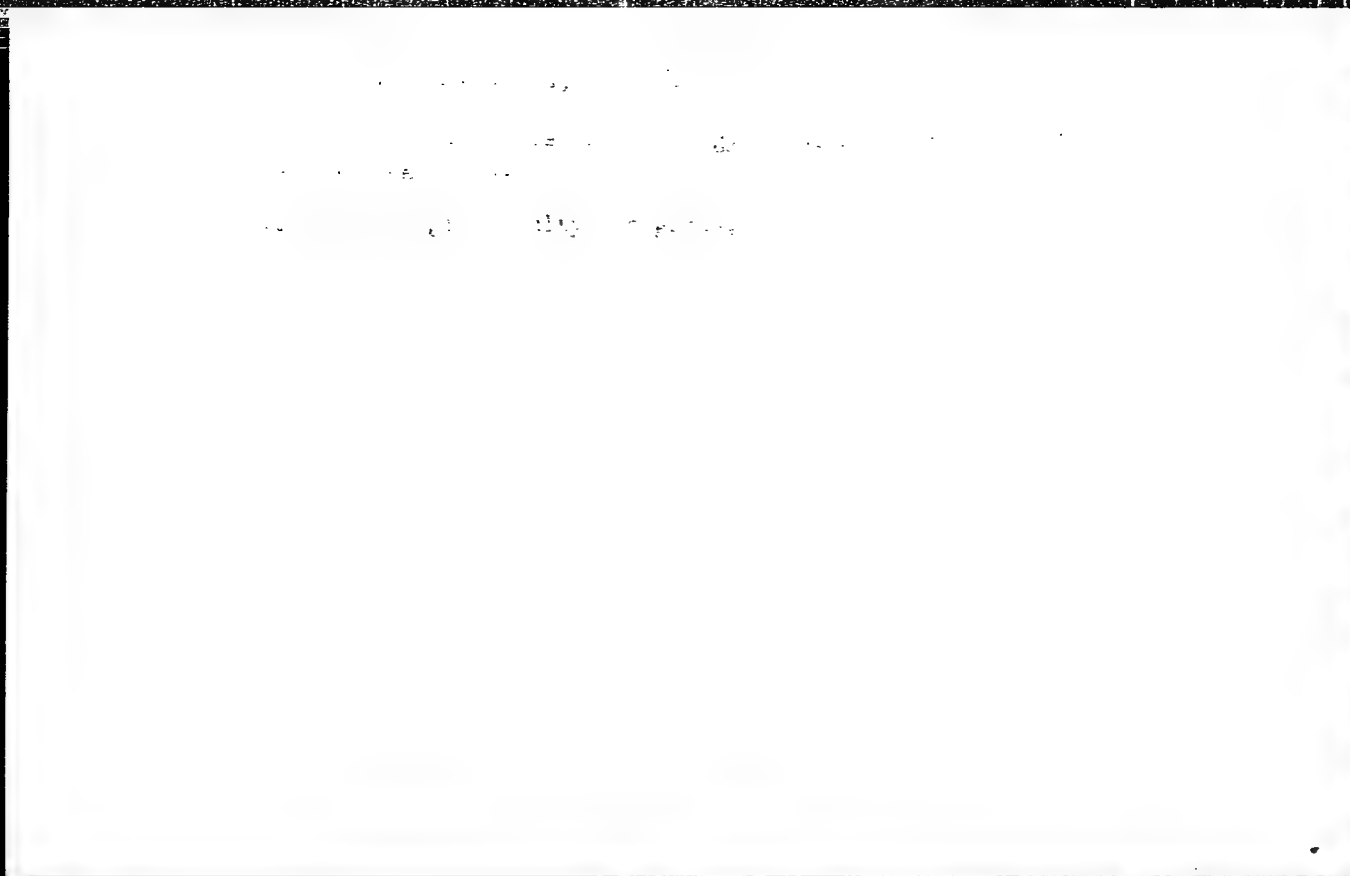
(Hungary--Patents)
(Hungary--Inventions)

TABORI, Mihaly

Some viewpoints and procedures to be followed in invention
registration and study of innovations. Cep 15 no.10:401-404
0 '63.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754710007-9



APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754710007-9"

TARONI, ROBERT.

Televizios vevokeszulek. (Television receiver diagrs.[part fold), graphs)

Budapest, Hungary, Nehézipari Konyv- es Folyoiratkiado Vallalat, 1954, 373 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959,
Uncl.

TABORIDZE, G.D.

Performance of ZIL-120 engines in high-altitude conditions. Avt.i
trakt.prom. no.4:22-24 Ap '57. (MLRA 10:5)

1.Gruzinskiy sel'skokhozyaystvennyy institut.
(Automobiles---Engines)

TABORDIZE, G. D., Cand Tech Sci -- (diss) "Altitude correction for the composition of fuel mixtures and the ignition lead of an automobile motor." Tbilisi, Georgian Agricultural Inst Publishing House, 1960. 31 pp; with illustrations; (Georgian Order of Labor Red Banner Polytechnic Inst im V. I. Lenin); 150 copies; free; (KL, 29-60, 125)

L 31439-06

ACC NR: AP6023192

SOURCE CODE: CZ/0082/65/028/005/0374/0380

AUTHOR: Vacek, J.; Dittrich, J.; Lehovsky, M.; Taborikova, H.

ORG: Neurology Clinic/headed by Academician K. Henner/, Faculty of General Medicine, Charles University, Prague (Neurologicka klinika fakulty vseobecneho lekarstvi KU)

TITLE: Problem of diagnosing the localization and course of paralysis of peroneal nerve

SOURCE: Ceskoslovenska neurologie, v. 28, no. 5, 1965, 374-380

TOPIC TAGS: nervous system disease, circulatory system disease, diagnostic medicine, man

ABSTRACT: Study of 5 cases with various degrees of paralysis of peroneal nerve, particularly degrees of involvement of the sciatic and related nerves of the lower extremities. Circulatory and ischemic difficulties are more apt to cause permanent damage to this nerve than to many others due to its anatomical situation. Orig. art. has: 3 figures. [Based on Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 009

Card 1/1

L 31440-66

ACC NR: AP6023193

SOURCE CODE: CZ/0082/65/028/005/0381/0388

AUTHOR: Vacek, J.; Tuhacek, M.; Vymazal, J.; Taborikova, H.

ORG: Neurology Clinic/headed by Academician K. Henner/, Faculty of General Medicine, Charles University, Prague (Neurologicka klinika fakulty vseobecneho lekarstvi KU)

TITLE: Electrophysiologic study of the immediate effect of acupuncture in peripheral paralysis of the facial nerve

SOURCE: Ceskoslovenska neurologie, v. 28, no. 5, 1965, 381-388

TOPIC TAGS: reflex activity, nervous system disease, neurology, electrophysiology, man

ABSTRACT: Study of effect of acupuncture in 7 men and 13 women with paralysis of the facial nerve. The immediate and objective aspects of the effect indicate that acupuncture facilitates an increased state of "stationary irritation" brought about by some sort of reflex phenomenon. Orig. art. has: 4 figures and 2 tables. [Based on Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 002
OTH REF: 004

Card 1/1

JT

0915

1404

YEMEL'YANOV, N.P.; VASIL'YEVA, Z.N.; TABORISSKAYA, Ye.A.

Dehydration of 1-cyclohexen-3-ol and -tetralol to
1,3-cyclohexadiene and 1,2-dihydroxynaphthalene on alkaline
earth metal phosphates as catalysts. Dokl. AN BSSR 7 no.12:
821-824 D '63. (MIRA 17:8)

1. Institut fiziko-organicheskoy khimii AN BSSR. Predstavleno
akademikom AN BSSR B.V. Yerofeyevym.

... (M. I. ... , ... , ...)
... (M. I. ... , ...)

Comparative study of the catalytic activity and ...
the dehydration of 2-cyclohexanol to 1,3-cyclohexadiene over
sulfuric acid and phosphoric acid. Dokl. Akad. Nauk SSSR,
1965, no. 2:22-24 (1965:13:24)

TABORISKIY, M.L., inzhener.

Operation of a 75-39-F boiler without a water gage. Elek. sta. 24
no. 12:49-50 D '53.

(MLRA 6:12)
(Steam boilers)

DREMLYUGA, P.I., inzh.; BURDEYNYUK, I.A., inzh.; SAVELOV, V.P., inzh.;
TABORISKIY, M.L., inzh.

Experience in the installation of the first model of the TP-100
boiler. Elek. sta. 33 no.6:37-42 Je '62. (MIRA 15:7)
(Boilers)

Definitely in the

9. Monthly List of Russian Accessions, Library of Congress, 1959, Uncl.

USSR, Medicine - Cerv. Block

"The Scientific Legacy of A. V. Vishnevskiy," M. G. Talorisskiy, Cand Med Sci, Stanislay, Kharkov

"Khirurgiya" No 10, pp 73-75

Describes experience in applying Vishnevskiy's technique of "creeping infiltration" in establishing local anesthesia with novocain; successful treatment of a dense submaxillary infiltrate by a novocain block in the kidney area; application of paranephral blocking in the treatment of periodonites, acute inflammatory conditions on the face and scalp, furuncles of the neck, early stages of phlegmons, post-traumatic orchiepididymites, hematomata which resulted from a blow and diffuse with difficulty, etc. States that Vishnevskiy's method of paranephral blockade and other methods of novocain blocking devised by him have been widely adopted into USSR medical practice. Describes application of novocain block for differential diagnosis of intestinal blockin (on the basis of G. A. Rikter's work at Vishnevskiy's clinic), also application of Vishnevskiy's method for the treatment of old pleural empyemas and Vishnevskiy's vaginossympathetic cervical block for the treatment of chest wounds.

PA 194775

TABORISSKIY, M.G., kandidat meditsinskikh nauk (Stanislav).

Accomplishments of Russian surgical therapy of cardiac diseases. Vol'd. 1
akush. no.6:34-41 Je '53. (MLHA 6:7)

(Heart--Surgery)

TABORISSKIY, M.G., kandidat meditsinskikh nauk.

Strangulated traumatic diaphragmatic hernias. Khirurgiia no.11:
36-39 N '53.

(MLRA 6:12)

(Diaphragm--Hernia)

TABORISSKIY, M.G., kandidat meditsinskikh nauk (Stanislov)

Present-day methods for administering medicines. Fel'd.i akush.

no.4:33-38 Ap '55.

(MLRA 8:7)

(DRUGS, administration,
various methods)

84687

9.4160 (3201, 1105, 1137)

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24.3600

2208 only

E201/E191

AUTHORS: Orlov, I.N., and Taborko, N.I.

TITLE: An Experimental Study of Amplification of Light Using a Device Consisting of a Photoresistor, a Ferroelectric and an Electroluminescent Phosphor

PERIODICAL: Optika i spektroskopiya, 1960, Vol.9, No.5, pp 626-630

TEXT: The authors describe the circuit (Fig.1) and the performance of an electroluminescent image (light) amplifier in which a phosphor (ZnS, with green electroluminescence, shown as C_3 in Fig.1) is connected in series with a ferroelectric (a monocrystal of triglycine sulphate, C_2). The phosphor and the ferroelectric act as capacitors. In parallel with them there is a photoresistor (made of CdS powder, R_1), which receives the incident light. Fig. 1a gives the actual circuit (similar to dielectric amplifier circuits) and Fig. 1 gives the equivalent circuit; U_m is an a.c. source, V is a d.c. source, R_a is an ohmic resistance and C_3 is a linear capacitance. Figs 2 and 3 show the phosphor emission brightness as a function of a constant bias across the ferroelectric (Fig. 2) and as a function of

Card 1/2

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S/051/60/009/005/008/019

E201/E191

An Experimental Study of Amplification of Light Using a Device
Consisting of a Photoresistor, a Ferroelectric and an
Electroluminescent Phosphor

illumination of the photoresistor (Fig. 3). The amplification
factor (K) of the photoresistor-ferroelectric-phosphor system
is shown in Fig. 4 as a function of illumination (E, in lux) of
the photoresistor. For weak light fluxes K was 5×10^5 ,
falling with increasing light fluxes to about 100 at 100 lux.
There are 4 figures and 11 references: 8 English, 2 Dutch and
1 translation from English into Russian.

SUBMITTED: February 22, 1960

Card 2/2

22170

State - USSR, Ministry of
Defense

6.4760
24.3500 (1137, 1138, 1139)

AUTHORS: Lyudskanov, I. Y., and others. I. N. Perstov, I. G. and
Petrov, B. I.

TITLE: Experimental study of the possibility of producing anti-
important electrodynamic for a apparatus using ferroelectric
materials.

PERIODICAL: Izvestiya Akademiya Nauk SSSR Seriya Tekhnicheskaya, v. 25,
no. 1, 1961, 197-200

TEXT: The present paper was first read at the 9th Conference on Luminescence
(Crystal Phosphors), Kiev, June 10-25, 1960. The authors studied
apparatus for the detection of pictures with image intensifiers using
photoresistors. They examined the possibility of applying ferro-
electric materials (single crystals of triglycine sulfate and ferroelectric
ceramics of the type "Varicap") for electrodynamic anti-apparatus
circuits for the measurement of the characteristics of ferroelectric
materials are presented in Fig. 1. The diagrams constructed therewith are
shown in Figs. 2, 3, and 4. The "storing effect" arising with larger

Card 1/23

32170
S. 1987-1 02/10/01 11:2 019
B. 01, B. 01

Experimental data, Fig. 1.

amplitude of the signal can be seen from the diagram of Fig. 1. As is shown in the diagram, the signal does not coincide with the signal of the control signal. A loop is formed, whose width is the delay, the larger the control signal amplitude. In the authors' opinion, it is quite possible that an accurate study may show this "watering effect" to be useful for the production of apparatus with a formation storage; control signal of this kind can then be considerably simplified. Fig. 2 presents a circuit for the reproduction of images, which is free from the deficiencies of the circuit shown in Fig. 1a (precise and durable storage of the capacity of the ferroelectric material; no disturbance of the control signal; thanks to separation of the alternating-current circuit from the control circuit; no negative feedback between control voltage and brightness of the electrochromophore). Fig. 3 presents the scheme of a self-transparent apparatus in which, using a nonlinear resistor or a light layer, we may work with a compact screen, to which all of its elements are connected already in the course of production. Fig. 4, finally, shows a circuit of a light amplifier, for which a ferroelectric material is used. Here, the ferroelectric material is connected to a direct current circuit, whereby its sensitivity is

Carl 2/10/87

. Experimental study of...

S/048/61/025/004/017/048
B104/B201

augmented compared with the usual RC voltage divider circuits. Moreover, as it does not serve for transmitting the exciting power to the electro-luminophore, the frequency is not restricted by it. There are 6 figures and 10 references: 6 Soviet-bloc and 4 non-Soviet-bloc.

Legend to Fig. 1: Scheme of an element of an apparatus for image reproduction: (a) basic circuit diagram; (6) diagram without prior obliteration (stiraniye) of the information; (8) scheme with obliteration.
1) Pulse shape of signal generator Γ_{CT} . 2) Pulse shape of signal generator

Γ_{C6} . Γ_{CT} is a signal generator giving the signal per line of screen, Γ_{C6} a generator, giving pulses per column of screen. a) recording pulse; b) obliteration pulse.

X

Card 3/10 3

L 26488-66 ENT(1)/EWA(h)

ACC NR: APG013067

SOURCE CODE: UR/0048/66/030/004/0620/0627

AUTHOR: Kylasov, V.A.; Lyamichev, I.Ya.; Orlov, I.N.; Perashin, G.G.; Peterimov, S.V.; Taborko, N.I.; Fok, M.Y. 27
E

ORG: None

TITLE: Problems involved in the development of electroluminescent indicators and image converters / Report, Fourteenth Conference on Luminescence held in Riga, 16-23 September 1965/ 25

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 4, 1966, 620-627

TOPIC TAGS: real time data display, image converter, electroluminescence, *phosphor, information storage and retrieval, control circuit*

ABSTRACT: The paper is devoted to a general discussion of the problems involved in development of electroluminescent display screens (matrix screens) and electroluminescent converters of visible and x-ray images. In conjunction with the screens it is indicated that current research is aimed at increasing the peak brightness of electroluminescent phosphors (important because the average viewing brightness is a function of the maximum brightness multiplied by the excitation time of a screen element and divided by the interval between successive activations) and development of means for realization of information storage on or for the screen. Approaches to enhancement of brightness are improvement of the composition of phosphors and electroforming, which involves application of an ac or dc potential to the electroluminescent 2-

Card 1/2

L 26488-66

ACC NR: AP6013067

capacitor while the binder (paraffin) is solidifying. Realization of storage is connected with development of appropriate control circuitry, including external storage components. A block diagram of a control circuit for a matrix screen with external storage is shown in a figure. Research in the field of image converters is being carried out along the lines of improving the parameters of photoconducting powdered materials in the visible and x-ray regions, theoretical and experimental determination of the optimum operating conditions for converters of different design, design development and improvement of the technology of image converters. A table gives a series of formulas that should be useful in designing new image converters. Mention is made of work on development of tubes for converting ultrasonic images to visible images. Photographs reproduced in the text show a converter image of a TV test pattern and images of x-ray pictures of some vacuum tubes and electronic components displayed on a 200 cm² screen. Orig. art. has: 14 formulas and 5 figures.

SUB CODE: 09,20/

SUBM DATE: 00/

ORIG REF: 005/

OTH REF: 004

Card 2/2 f/

TABORNO, V.A.

On the 40th anniversary of the Pioneer organization. Geog. v
shkole 25 no.3:4-6 My-Je '62. (MIRA 15:7)

1. Zamestitel' redaktora zhurnala "Vozhatyy".
(Pioneers (Communist youth))

ZAGAYNOV, N.A.; TABORKO, V.G.; ENGEL'S, G.G.

Controlled cable disconnecter and automatic section equipment for
parallel feeding of electric traction in municipal transport;
suggested by N.A. Zagaynov, V.G. Taborko, G.G. Engel's. Prom.
energ. 12 no.12:17 D '57.

(Electric railroads)

(MIRA 10:12)